District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Oil Conservation Division ~~Submit to appropriate District Office~~
1220 South St. Francis Dr.
Santa Fe, NM 87505

SEP – 3 2008

HOBBS OCD

Form C-101
June 16, 2008

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO [DRILL], RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
Enervest Operating LLC 1001 Fannin Street, Suite 800, Houston, TX 77002	143199
	[3] API Number 30- 025-39136

[3] Property Code 303904	[5] Property Name J W SHERRELL	[6] Well No 13

[9] Proposed Pool 1	[10] Proposed Pool 2
Jalmat (Tansil-Yates-7 Rivers) Gas	~~Langley Mattix (Lower 7 Rivers-Queen-Grayburg)~~ Per GM

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	24-S	37-E		2422	SOUTH	971	EAST	LEA

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	G	R	P	3230'
[16] Multiple	[17] Proposed Depth	[18] Formation	[19] Contractor	[20] Spud Date
No	3100'	T-Y-7R	NA	NA

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1,250'	610	Surface
7-7/8"	4-1/2"	10.50#	3,800'	650	Surface

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.   Describe the blowout prevention program, if any Use additional sheets if necessary.

1. Prepare surface location. Move in and rig up drilling rig, spud well and drill and set conductor. Install and test BPO's.
2. Drill 12-1/4" surface hole to a minimum depth of 1250'. Set 8-5/8" casing and cement.
3. Drill 7-7/8" production hole 3,100' TD and evaluate running mud logs as well as DLL/LDT/CAL/GR to TD.
4. Set 4-1/2" to TD and cement to surface. Perforate porosity and stimulate as necessary (specific procedure to be determined).
5. Place well on test.
6. H2S can be present in this area and an H2S contingency plan attached.

Permit Expires 2 Years From Approval Date Unless Drilling Underway

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIVISION
Signature:	Approved by:
Printed name: Ronnie Young	Title: PETROLEUM ENGINEER
Title: Regulatory Supervisor	Approval Date: SEP 0 9 2008	Expiration Date:
E-mail Address: ryoung@enervest.net	
Date: 9-2-08	Phone: (713) 495-6530	CONDITIONS OF APPROVAL of Non-Standard Location Intent to drill ONLY — CANNOT produce until the Non-Standard Location has been approved by OCD Santa Fe office